

~~CONFIDENTIAL~~
Release Date ~~8-18-76~~
7-26-76

P.W.

St. Joe American Exploration Well #8-141
SW/SW Sec 10-T17N-R25E Apache County

Release Date _____

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☒ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☐ Dry ☒

DESCRIPTION OF WELL AND LEASE

Operator St. Joe American Exploration Corp. Address 2002 N. Forbes Blvd. #108 Tucson, AZ 85705

Federal, State or Indian Lease Number or name of lessor if fee lease State Well Number Field & Reservoir St. Joe 8 Strat. Test

Location 50 FSL - 50 FEL County Apache

Sec. TWP-Range or Block & Survey Sec. 10, T17N, R25E

Date spudded 7/11/75 Date total depth reached P.B.T.D. Date completed, ready to produce 7/26/75 Elevation (DF, RKB, RT or GP) 5676 Elevation of casing hd. Range

Total depth 1428' Single, dual or triple completion? none If this is a dual or triple completion, furnish separate report for each completion. no

Producing interval (s) for this completion none Rotary tools used (interval) Cable tools used (interval) none

Was this well directionally drilled? no Was directional survey made? no Was copy of directional survey filed? none Date filed

Type of electrical or other logs run (check logs filed with the commission) Gamma Ray - Neutron Date filed 8-19-75

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
	6-3/4"	5-9/16"	14.6 lbs/ft	383'		383'
	6-3/4"	4 1/2"	5.6 lbs/ft	905'		221'

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
none in.	ft.	ft.	in.	ft.	ft.		

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
none				

LINER RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

INITIAL PRODUCTION

Date of first production none Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) none

Date of test Hrs. tested Choke size Oil prod. during test Gas prod. during test Water prod. during test Oil gravity * API (Corr)

Tubing pressure Casing pressure Cal'd rate of Production per 24 hrs. Oil Gas Water Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold): Strat. Test.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Supervisor, Field Operations of the

St. Joe American Exploration Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 8/19/75 Signature

RECEIVED

Aug 19/75

Paper No 650	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4 File One Copy
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DETAIL OF FORMATIONS PENETRATED			
Formation	Top	Bottom	Description*
Chinle	0	875	Clay-shale
Coconino	875	1214	Sandstone
Supai	1214	1428 T.D.	Clay-shale, anhydrite & salts

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.
This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

PLUGGING RECORD						
Operator St. Joe American Exploration Corp.			Address 2002 N. Forbes Blvd. #108 Tucson, Az 85705			
Federal, State, or Indian Lease Number, or lessor's name if fee lease. State			Well No. 8	Field & Reservoir		
Location of Well 50' FSL - 50' FEL			Sec-Twp-Rge or Block & Survey Sec. 10, T17N, R25E		County Apache	
Application to drill this well was filed in name of St. Joe American Exploration Corp.			Has this well ever produced oil or gas None		Character of well at completion (initial production): Oil (bbbls/day) None Gas (MCF/day) None Yes Dry?	
Date plugged: 7-26-75			Total depth 1428'	Amount well producing when plugged: Oil (bbbls/day) None Gas (MCF/day) None Water (bbbls/day) None		
Name of each formation con- taining oil or gas. Indicate which formation open to well- bore at time of plugging	Fluid content of each formation		Depth interval of each formation		Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement	
CASING RECORD						
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes	
5 9/16"	383'	483'	None			
4 1/2"	905'	221'	684'	Joint failed	Cement Plugs 0 to 30' 550' to 600' 1285' to 1428'	
Was well filled with mud-laden fluid, according to regulations? Yes				Indicate deepest formation containing fresh water. None		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE						
Name		Address			Direction from this well:	
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plug- ging which might be required.						
Use reverse side for additional detail.						
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Supervisor/Field Operations of the St. Joe American Exploration Corp. (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.						
August 19, 1975 Date		RECEIVED AUG 20 1975 O & G CONS. COMM.		Signature Charles T. Longshore		
Permit No. 650		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy Form No. 10				

APPLICATION TO ABANDON AND PLUG

FIELD _____
 OPERATOR St. Joe American Exploration Corp. ADDRESS 2002 N. Forbes Blvd. #108 Tucson, Az
 Federal, State, or Indian Lease Number _____ State _____ WELL NO. 8
 or Lessor's Name if Fee Lease _____
 LOCATION 50' FSL - 50' FEL Sec. 10, T17N, R25E
 TYPE OF WELL Strat. Test TOTAL DEPTH 1428'
 (Oil, Gas or Dry Hole)
 ALLOWABLE (If Assigned) None
 LAST PRODUCTION TEST OIL None (Bbls.) WATER None (Bbls.)
 GAS None (MCF) DATE OF TEST None
 PRODUCING HORIZON None PRODUCING FROM None TO None

1. COMPLETE CASING RECORD.

5 9/16" 0' to 383'
 4 1/2" 383' to 1288'
 Recovered 383' of 5 9/16" casing & 221' of 4 1/2" casing

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Cement plug from 1285' to 1428'
 " " " 5' below top of casing @ 600' back to 550'
 " " " 0' to 30'

Drill hole filled with mud-laden fluid between plugs.

DATE COMMENCING OPERATIONS 7-26-75
 NAME OF PERSON DOING WORK Hunter-Shelton ADDRESS P.O. Box 583 Phoenix, Az 85001

Signature [Signature]
 Supervisor - Field Operations
 St. Joe American Exploration Corp.
 Title 2002 N. Forbes Blvd. #108
Tucson, Arizona 85705
 Address August 19, 1975
 Date _____

Date Approved _____
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

By: _____
 Permit No. 650

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 File Two Copies

Form No. 9

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☒

RE-ENTER OLD WELL ☐

St. Joe American Exploration Corporation

NAME OF COMPANY OR OPERATOR

2002 N. Forbes Blvd. Suite 108 Tucson, Arizona 85705

Address

City

State

Shelton Drilling Co.

Drilling Contractor

P.O. Box 583 Phoenix, Arizona 85001

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor

State Lease

Well number

No. 8

Elevation (ground)

5676'

Nearest distance from proposed location to property or lease line:

50' FEL - 50' FSL

feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:

None

feet

Number of acres in lease:

640'

Number of wells on lease, including this well, completed in or drilling to this reservoir:

1

If lease, purchased with one or more wells drilled, from whom purchased:

State Lease

Name

Address

Well location (give footage from section lines)

50' FEL - 50' FSL

Section—township—range or block and survey

Sec. 10 T17N, R25E

Dedication (Comply with Rule 105)

NA

Field and reservoir (if wildcat, so state)

Mineral Test

County

Apache

Distance, in miles, and direction from nearest town or post office:

22 miles south of Navajo, Arizona

Proposed depth:

1500'

Rotary or cable tools

Rotary

Approx. date work will start

July 10, 1975

Bond Status

Statewide

Organization Report

Filing Fee of \$25.00

Amount \$25,000

On file X

Or attached

Attached X

Remarks:

Confidential

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the St. Joe American Exploration Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

Wayne K. Wallace

July 7, 1975

Date

Permit Number:

Approval Date:

Approved By:

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Application to Drill or Re-enter

File Two Copies

Form No. 3

(Complete Reverse Side)

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; height: 100px;"></td> <td style="width: 25%; height: 100px;"></td> <td style="width: 25%; height: 100px;"></td> <td style="width: 25%; height: 100px;"></td> </tr> <tr> <td style="height: 100px;"></td> <td style="height: 100px;"></td> <td style="height: 100px;"></td> <td style="height: 100px;"></td> </tr> <tr> <td style="height: 100px;"></td> <td style="height: 100px;"></td> <td style="height: 100px;"></td> <td style="height: 100px;"></td> </tr> <tr> <td style="height: 100px;"></td> <td style="height: 100px;"></td> <td style="height: 100px;"></td> <td style="height: 100px;"></td> </tr> </table>																	<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name _____</p> <p>Position _____</p> <p>Company _____</p> <p>Date _____</p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p>

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

PROPOSED CASING PROGRAM

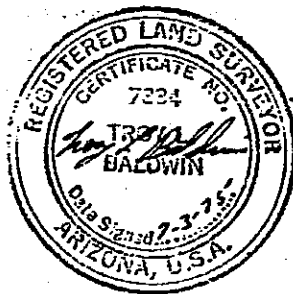
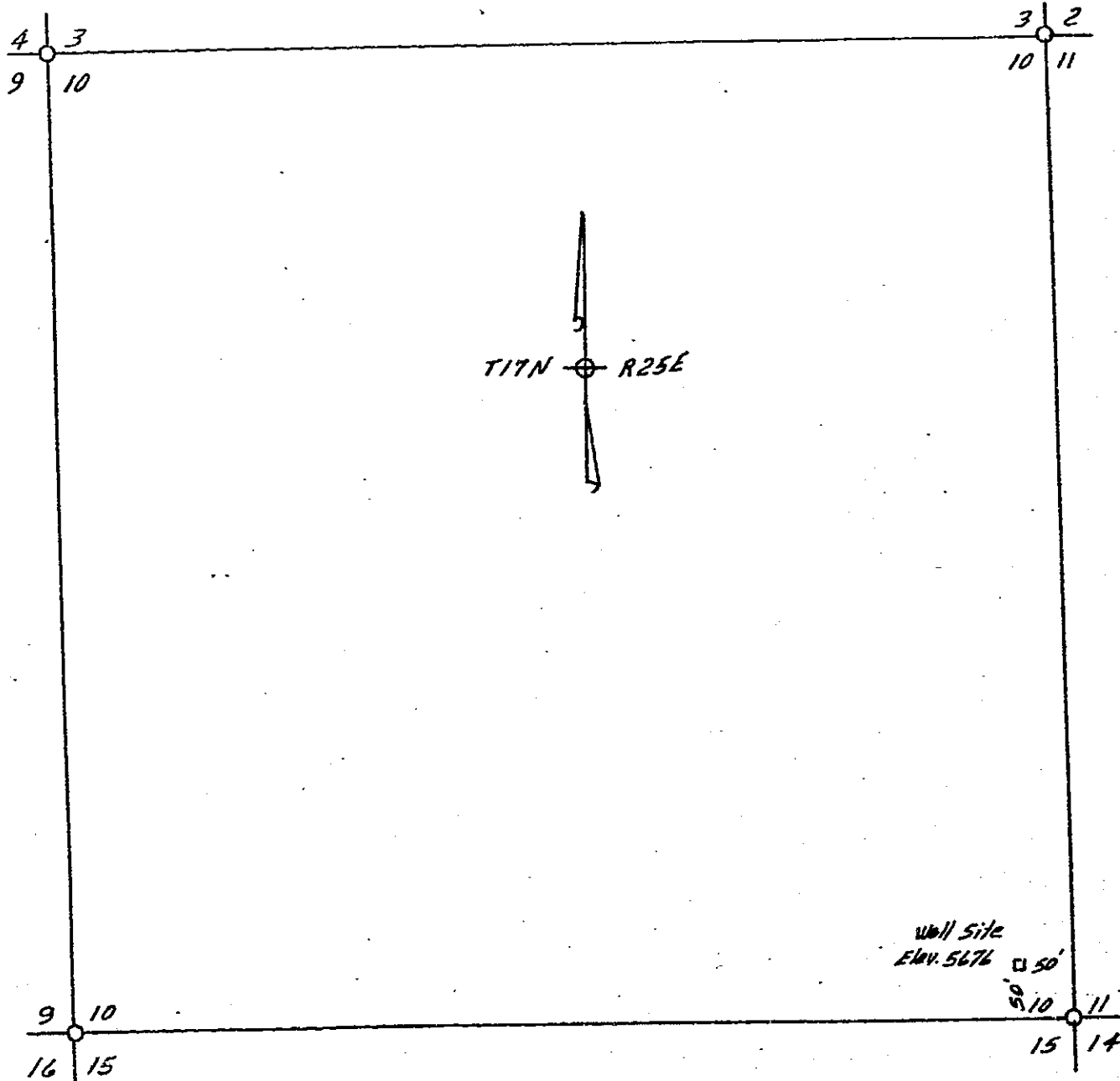
Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement

Baldwin Surveying Company

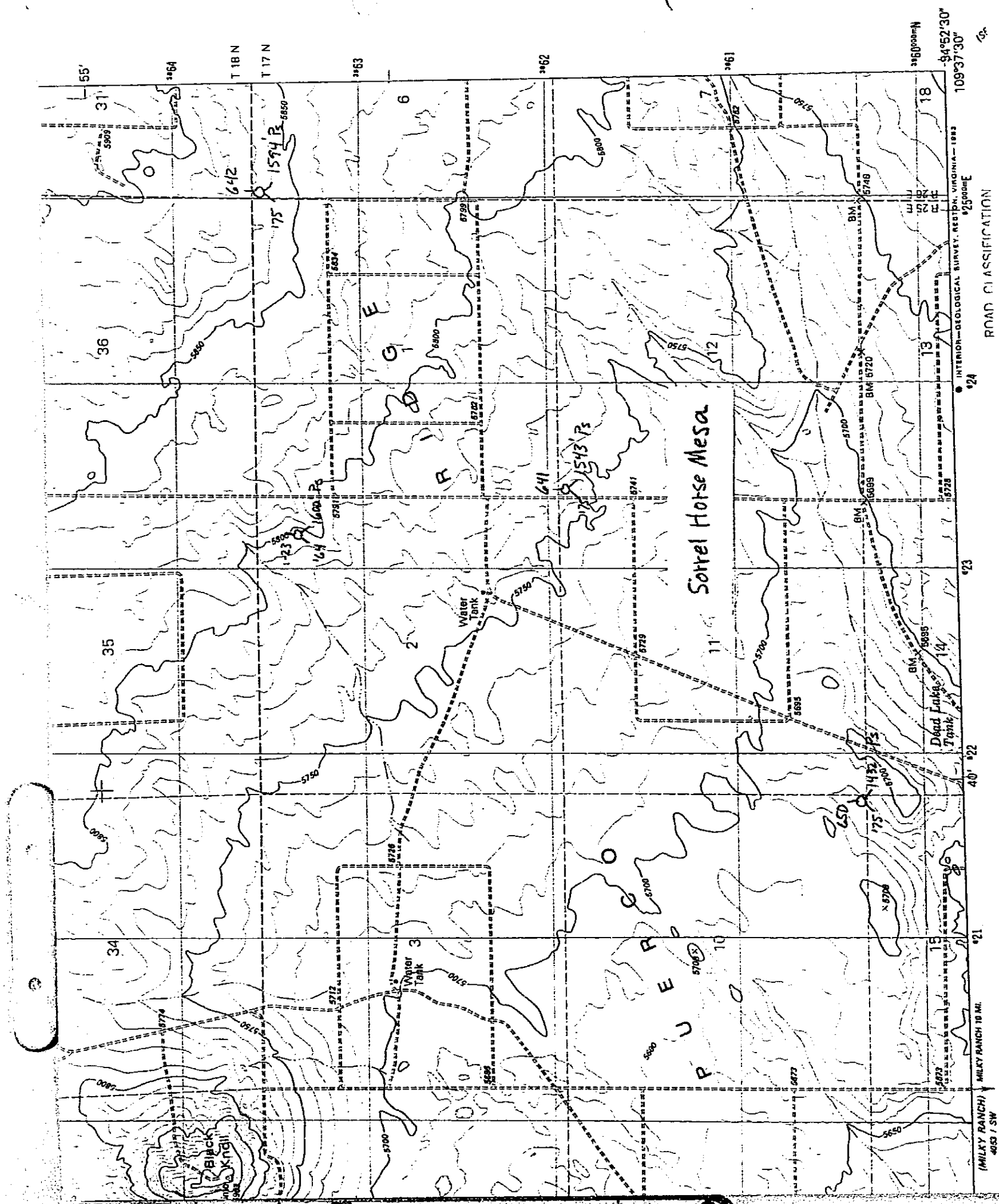
TROY BALDWIN — REGISTERED LAND SURVEYOR

156 W. Buffalo
Holbrook, Arizona 86025

Phone 524-6550



650





PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: ST. JOE AMERICAN EXPLORATION CORPORATION
(OPERATOR)

to drill a well to be known as

ST. JOE AMERICAN EXPLORATION CORPORATION WELL NO. 8
(WELL NAME)

located 50' FEL - 50' FSL

Section 10 Township 17N Range 25E, Apache County, Arizona.
~~Navajo~~

The NA of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 7th day of July, 19 75.

OIL AND GAS CONSERVATION COMMISSION

By W.B. Allen
EXECUTIVE SECRETARY

PERMIT N^o 650

RECEIPT NO. 0393

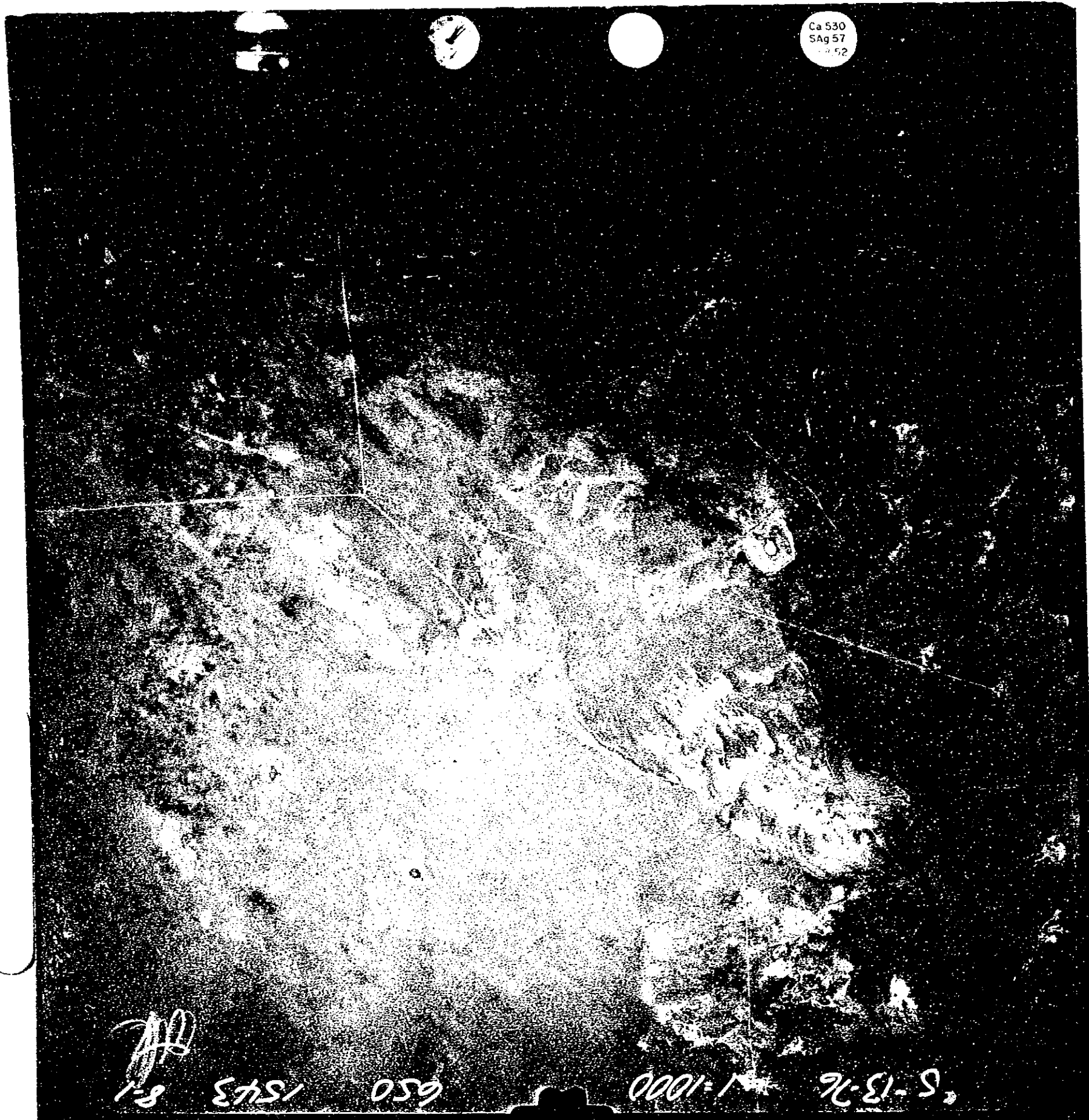
SAMPLES ARE REQUIRED
API NO. 02-001-20215

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27



Ca 530
Sag 57
- 52



1-8

1543

650

0001-1

96-81-8



Ca 530
SAG 57
- - - 52



S-13-76 1-1000 650 1543 8-2



August 9, 1976

Petro-Wells Libraries, Inc.
2665 S. Santa Fe Drive
Denver, Colorado 80223

Attention: Cheri Burns

Gentlemen:

Enclosed is information on the following wells:

St. Joe American Exploration Corp. Well No. 8
SE/SE Sec. 10, T17N, R25E, Apache County
Permit No. 650

St. Joe American Exploration Corp. Well No. 9
NW/NW Sec. 16, T17N, R25E, Apache County
Permit No. 652

Very truly yours,

William E. Allen
Director
Enforcement Section

WEA/vb

ST. JOE

AMERICAN CORPORATION

2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

650

WAYNE K. WALLACE
VICE PRESIDENT

April 5, 1976

Mr. W. E. Allen
Oil & Gas Conservation Comm.
State of Arizona
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Mr. Allen:

Enclosed are geophysical logs for drill holes St. Joe #8 (Permit 650) and St. Joe #9 (Permit 652). Our records indicate that logs on holes 8 and 9 were mailed to your office on August 19, 1975 (see attached letter), however, we are pleased to provide duplicates.

Rotary drill cuttings on all of our drill holes have been packaged for you and we are in the process of taking representative chip samples from the cored intervals as you suggested. We also hope to provide you with quarter cuts of sawed core intervals upon completion of the project.

Mr. Longshore will deliver to you personally in Phoenix, the latter part of this week, all cuttings, completion reports and applications to plug requested in your memorandum dated March 31, 1976. In addition to the information you requested, we will also provide all available data on drill hole St. Joe #7.

We have appreciated your excellent cooperation in the past and regret if our delay in providing you with the drill hole cuttings may have caused you any inconvenience.

Yours very truly,

Wayne K. Wallace
Wayne K. Wallace

pb
enc.: 3
cc: B. L. Renzetti
C. T. Longshore

RECEIVED

APR 1976

O & G CONS. COMM.

STAGE
MINERALS CORPORATION
2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

CHARLES T. LONGSHORE
SUPERVISOR OF FIELD OPERATIONS

August 19, 1975

Mr. W. E. Allen
Oil & Gas Conservation Comm.
State Of Arizona
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Bill:

Enclosed please find Gamma Ray Neutron logs for drill holes 8 and 9. Also enclosed are Plugging Record and Application to Abandon and Plug forms for each.

Samples of cuttings of all drill holes are being prepared and will be sent to you as soon as possible.

Sincerely yours,

Charles T. Longshore

pb
enc.

RECEIVED

APR 19 1976

O & G CONS. Comm.



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

~~XXXXXXXXXXXX~~ 8686 N Central
PHOENIX, ARIZONA ~~85011~~ Suite 106, 85020
PHONE: (602) 271-5161

March 31, 1976

Mr. Wayne K. Wallace
2002 North Forbes Blvd.
Suite 108
Tucson, AZ 85705

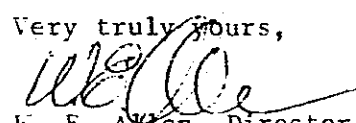
RE: St. Joe American Exploration Corp. #3 NW/NW Sec 34-T18N-R25E, Apache County Permit #635	St. Joe American Exploration Well #6 NW/NW Sec 6, T17N, R26E, Apache County Permit #642
St. Joe American Exploration Corp. #4 NW/NW Sec. 4-T17N, R25E, Apache County Permit #636	St. Joe American Exploration Well #8 SE/SE Sec. 10, T17N, R25E, Apache County Permit #650
St. Joe American Exploration Corp. #5 NW/NW Sec. 14-T17N-R25E, Apache County Permit #641	St. Joe American Exploration Well #9 NW/NW Apache County, Sec 16, T17N, R25E Permit #652

Dear Mr. Wallace:

A check of our files indicate that we need certain information on the above referenced wells. We are attaching a list of wells with the information that is needed for each one.

We would appreciate if you would forward this information to this office at your earliest convenience.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/sl
Encl.

Page 2
Letter of March 31, 1976

RE: Additional references

St. Joe American Exploration Corp. Well No. 1
NW/NW Sec 24, T18N, R25E, Apache County
Permit #633

St. Joe American Exploration Corp. Well No. 2
NW/NW Sec 26, T18N, R25E, Apache County
Permit #634

<u>Plugging Report</u>	<u>Completion Report</u>	<u>Samples</u>	<u>Electric Logs</u>	<u>Application to Plug</u>
St. Joe #3, Permit #635	X	X		
St. Joe #4, Permit #636	X	X		
St. Joe #5, Permit #641	X	X		
St. Joe #6, Permit #642		X		
St. Joe #8, Permit #650	X	X	X	
St. Joe #9, Permit #652	X	X	X	X
St. Joe #2, Permit #634		X		X
St. Joe #1, Permit #633		X		

ST. JOE

MINERALS CORPORATION

2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

CHARLES T. LONGSHORE
SUPERVISOR OF FIELD OPERATIONS

August 19, 1975

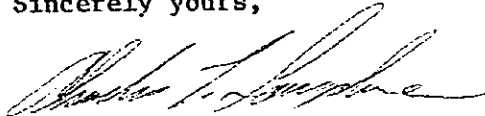
Mr. W. E. Allen
Oil & Gas Conservation Comm.
State Of Arizona
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Bill:

Enclosed please find Gamma Ray Neutron logs for drill holes 8 and 9. Also enclosed are Plugging Record and Application to Abandon and Plug forms for each.

Samples of cuttings of all drill holes are being prepared and will be sent to you as soon as possible.

Sincerely yours,



Charles T. Longshore

pb
enc.

RECEIVED

AUG 20 1975

O & G CONS. COMM.

650

WA

ST. JOE
MINERALS CORPORATION
2002 NORTH FORBES BOULEVARD
TUCSON, ARIZONA 85705
602-622-4766

RECEIVED

JUL 9 1975

O & G CONS. COMM.

CHARLES T. LONGSHORE
SUPERVISOR OF FIELD OPERATIONS

July 8, 1975

RECEIVED

JUL 9 1975

O & G CONS. COMM.

Mr. Bill Allen
State of Arizona
Oil & Gas Conservation Commission
8686 N. Central, Suite 106
Phoenix, Arizona 85020

Dear Mr. Allen:

Please keep all drill hole information in our files confidential for an indefinite period of time. Thank you.

Sincerely,

Charles T. Longshore
Charles T. Longshore *jb*

pb
cc: W. K. Wallace

650

July 7, 1975

Mr. Jim Webster
Photogrammetry & Mapping Services
Highway Division
Department of Transportation
1739 W. Jackson, Room 61
Phoenix, AZ 85007

Dear Mr. Webster:

Enclosed please find a copy of an Application to
Drill issued to St. Joe American Exploration
Corporation for their well No. 8. As you will
note the spud date is scheduled for July 10, 1975.

If I can be of further service, please let me know.

Sincerely,

Saralee Lorenzo
Secretary to W. E. Allen

sl

July 7, 1975

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Dear Mrs. Ratcliff:

The following permit was issued this date:

St. Joe American Exploration Well No. 8
SW/SW Sec 10-T17N,R25E
Navajo County
Permit No. 650

Very truly yours,

Saralee Lorenzo
Secretary to W. E. Allen
Director, Enforcement Section

sl

July 7, 1975

Mr. Wayne K. Wallace
St. Joe American Exploration Corporation
2002 N. Forbes Blvd., Suite 108
Tucson, Arizona 85705

RE: St. Joe American Well No. 8
SW/SW Sec 10-T17N-R25E
Navajo County
Permit No. 650

Dear Mr. Wallace:

Enclosed please find Receipt No. 0393 covering your \$25
filing fee. Also enclosed is your approved Application for
Permit to Drill and Permit to Drill No. 650.

Very truly yours,



W. E. Allen, Director
Enforcement Section

WEA/sl

Encls.